

Fig. 1 (Prior Art)

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FIG.

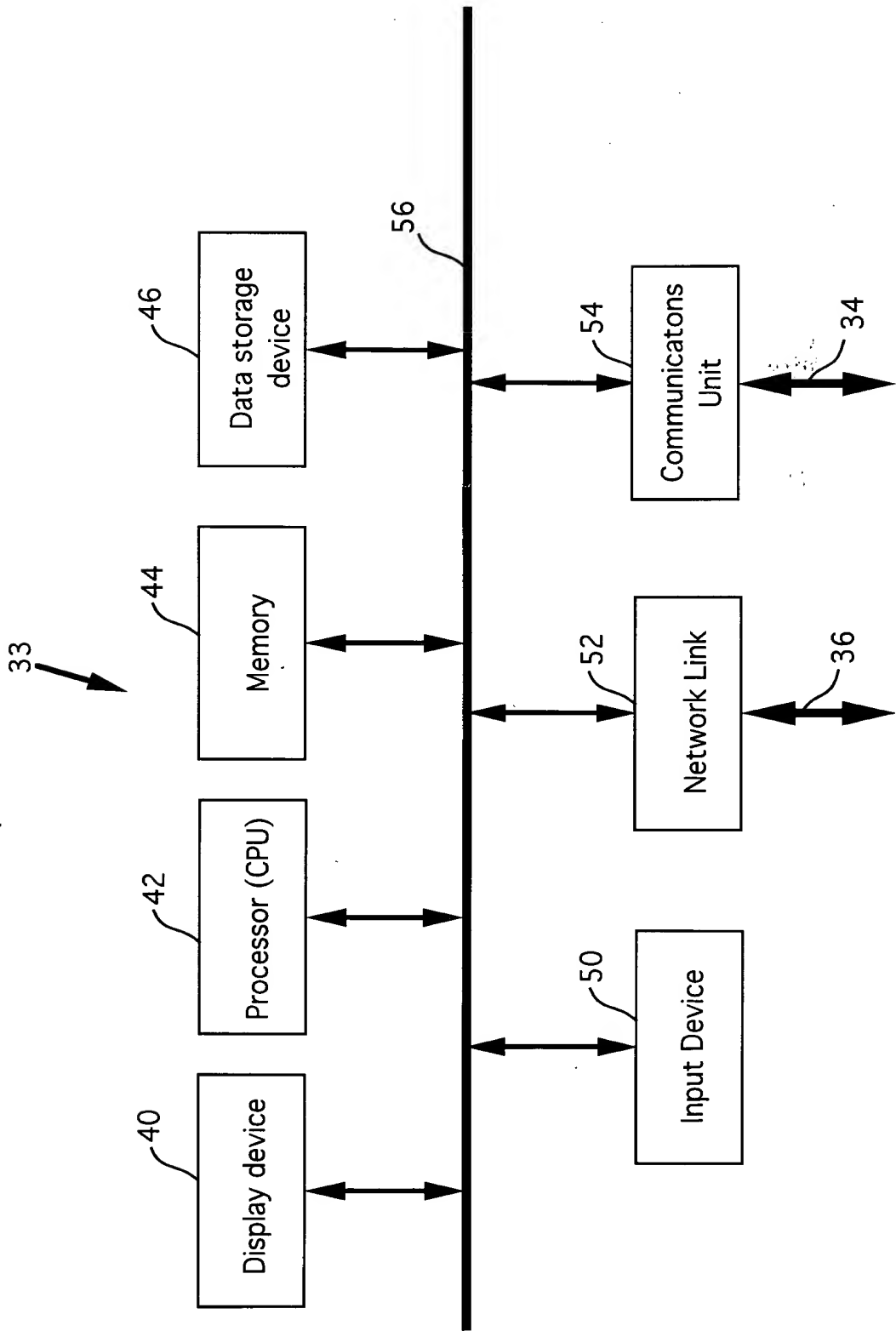


Fig. 2

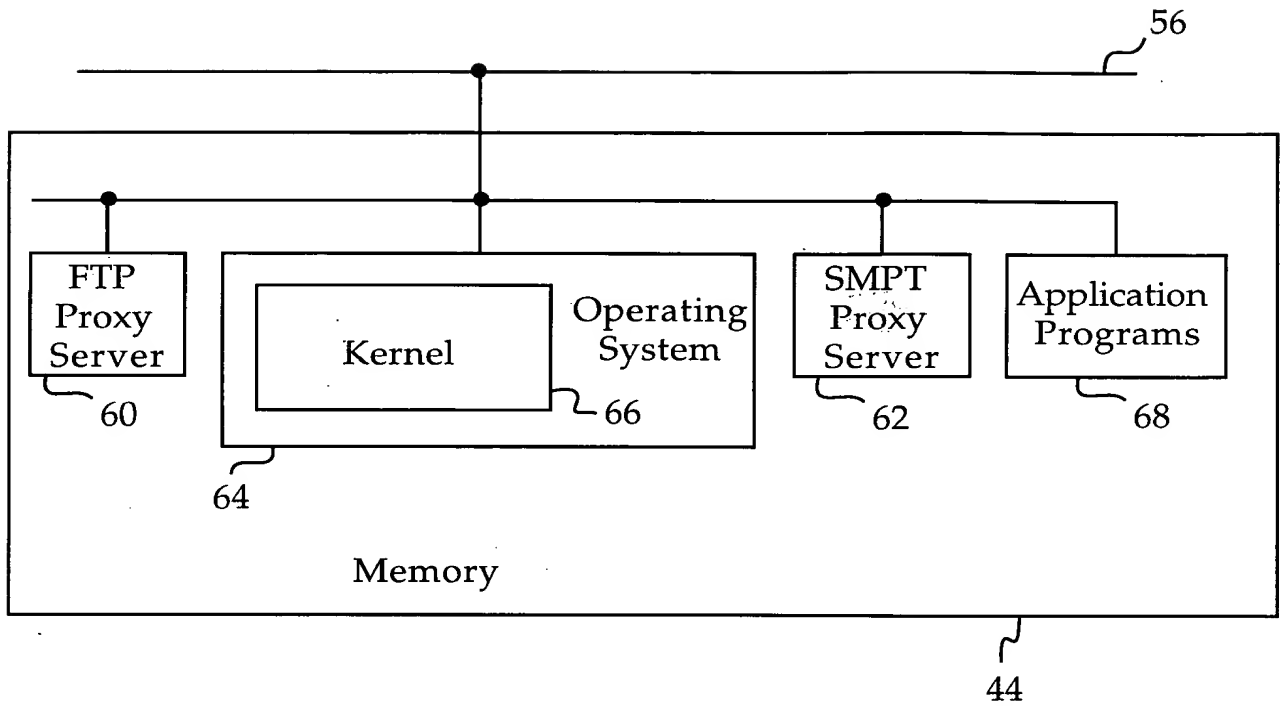


FIG. 3

OSI Layer

Protocol Implementation

406 Application	423 File Tranfer	424 Electronic Mail	425 Terminal Emulation	426 Network Management
	421 FTP Proxy Server	422 SMTP Proxy server		
405 Presentation	417 File Tranfer Protocol (FTP)	418 Simple Mail Tranfer Protocol (SMTP)	419 TELNET Protocol	420 Simple Network Management Protocol (SNMP)
404 Session				
403 Transport	415 Transmission Control Protocol (TCP)		416 User Datagram Protocol (UDP)	
402 Network	412 Address Resolution	413 Internet Protocol (IP)	414 Internet Control Message Protocol (ICMP)	
401 Data Link	411 Network Interface Cards: Ethernet, StarLAN token Ring			
400 Physical	410 Transmission media: twisted pair, coax or Fiber Optics			

FIG. 4

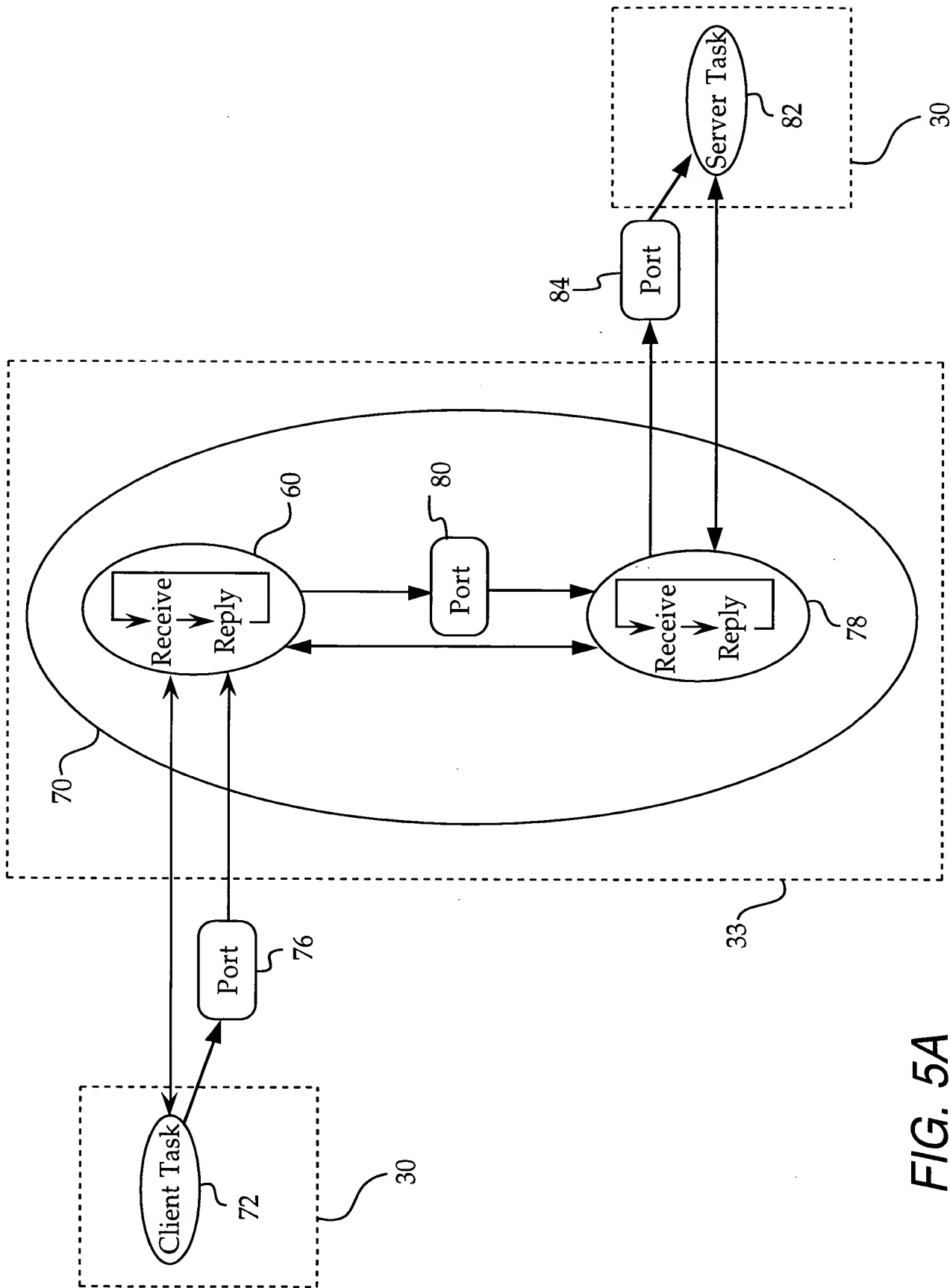


FIG. 5A

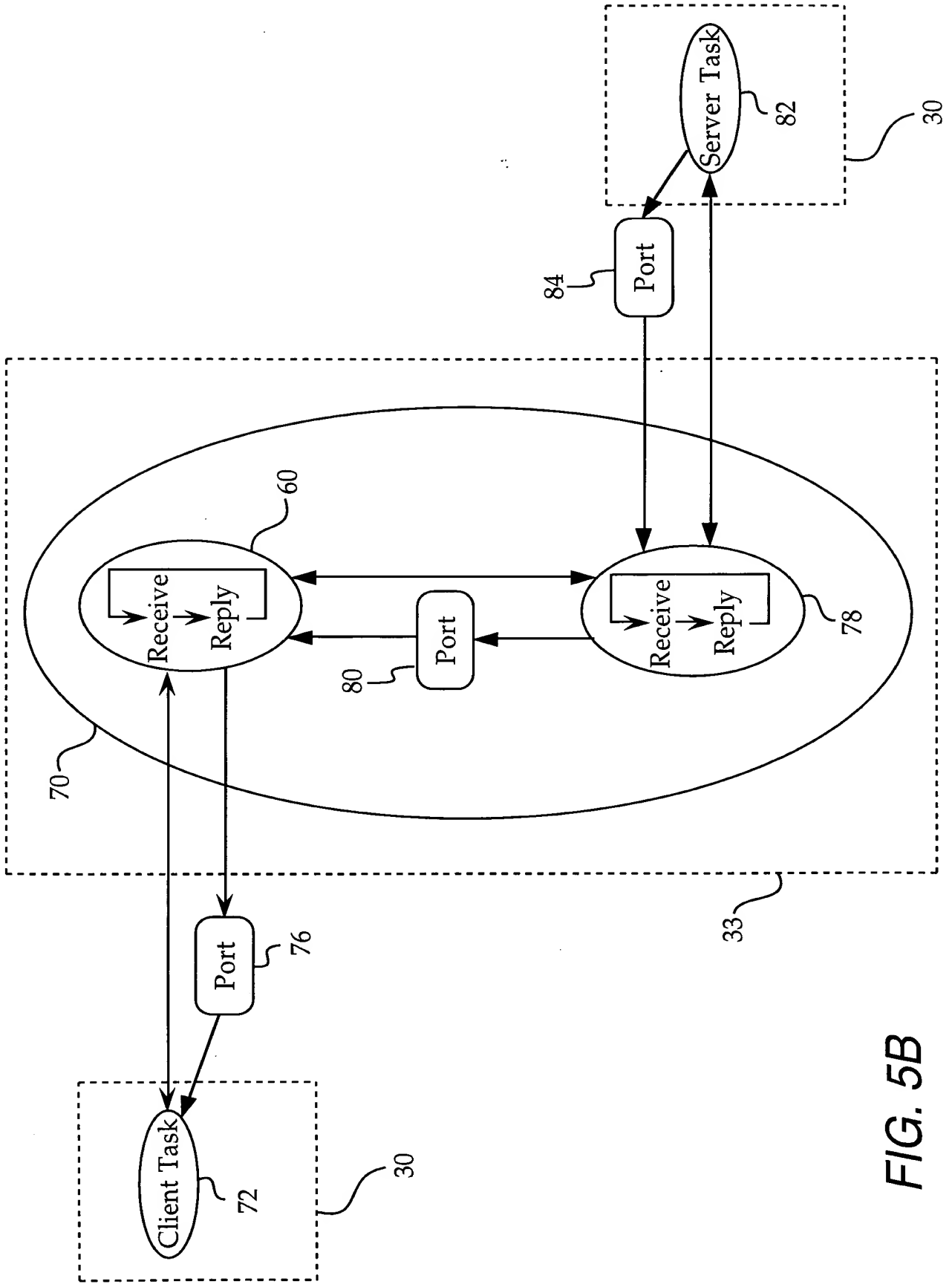


FIG. 5B

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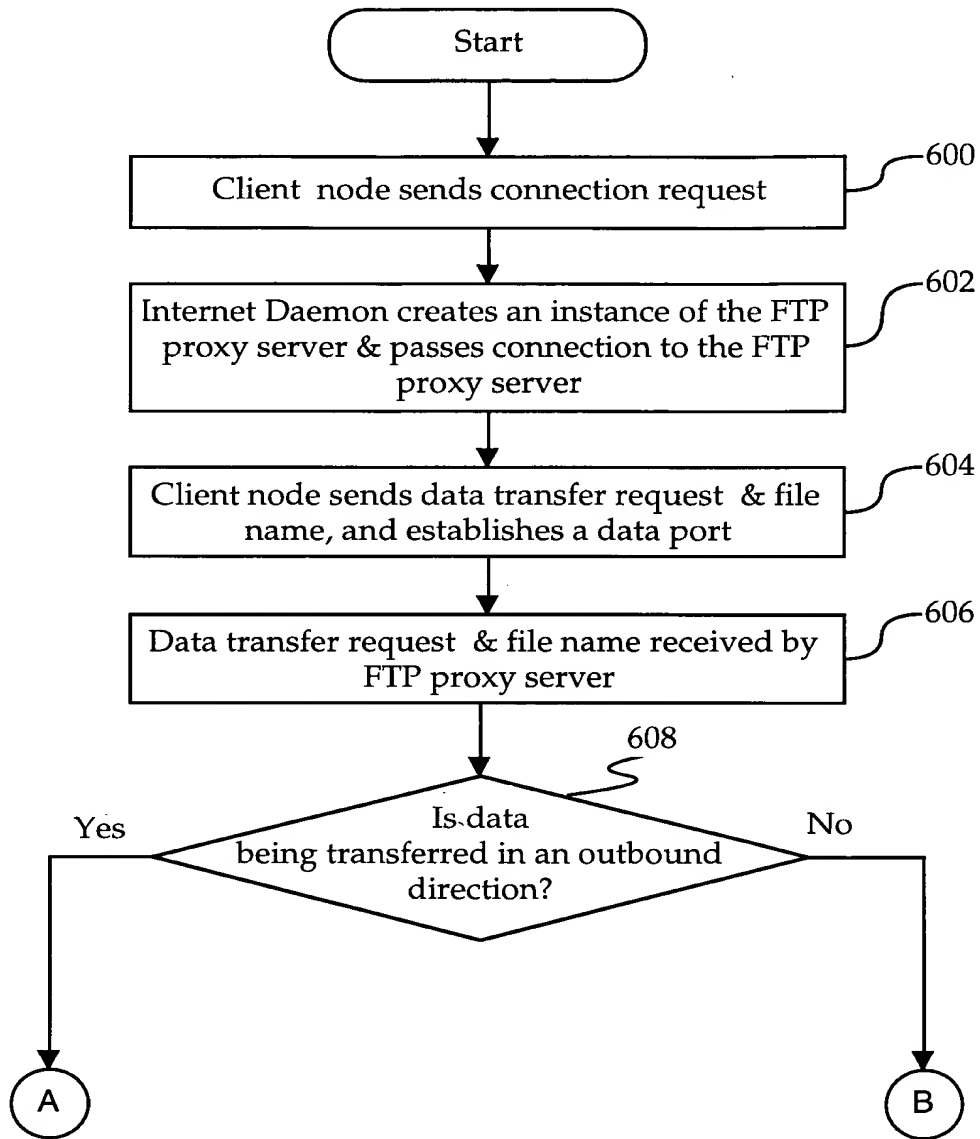


FIG. 6A

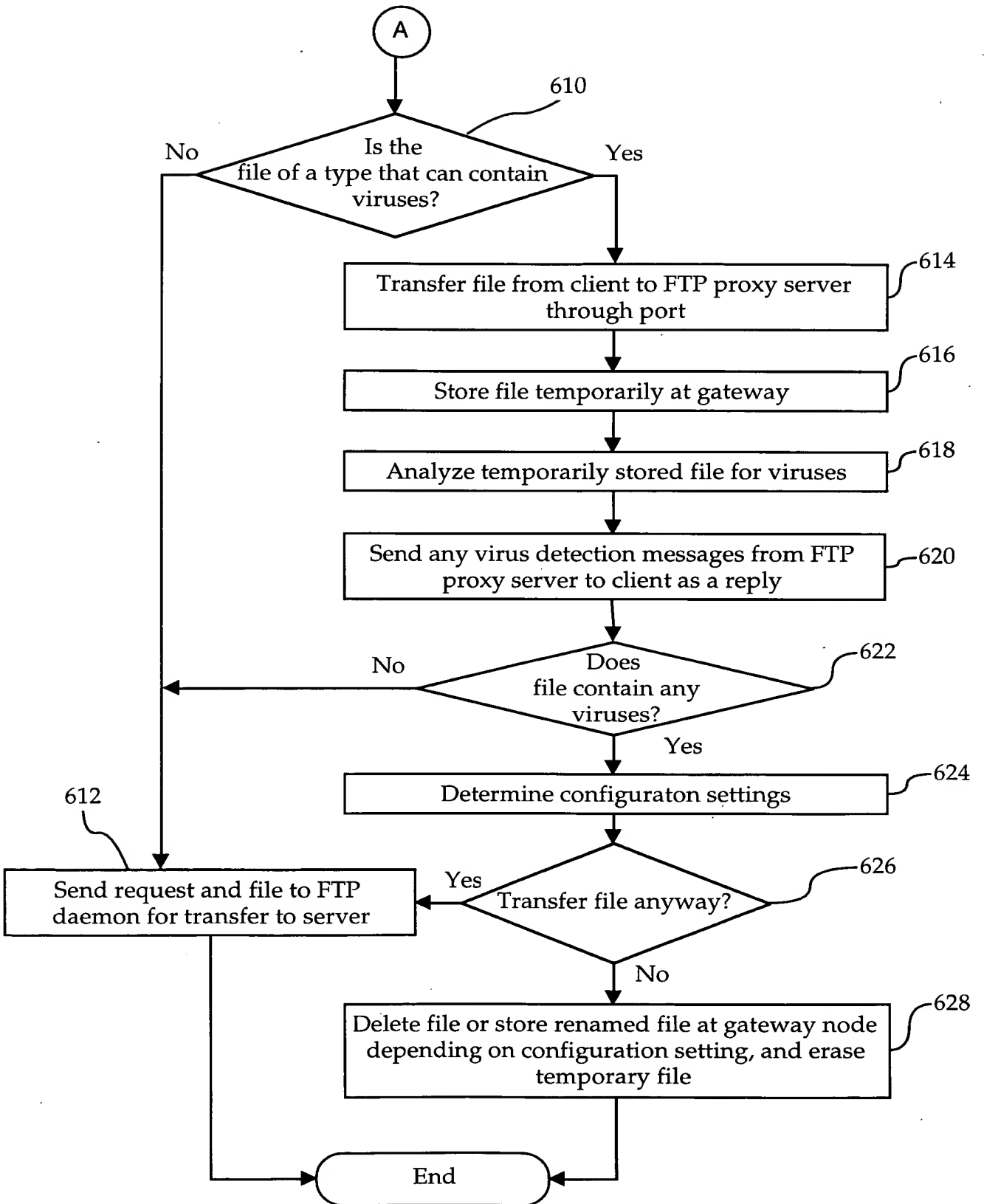


FIG. 6B

FIG. 6A-3C
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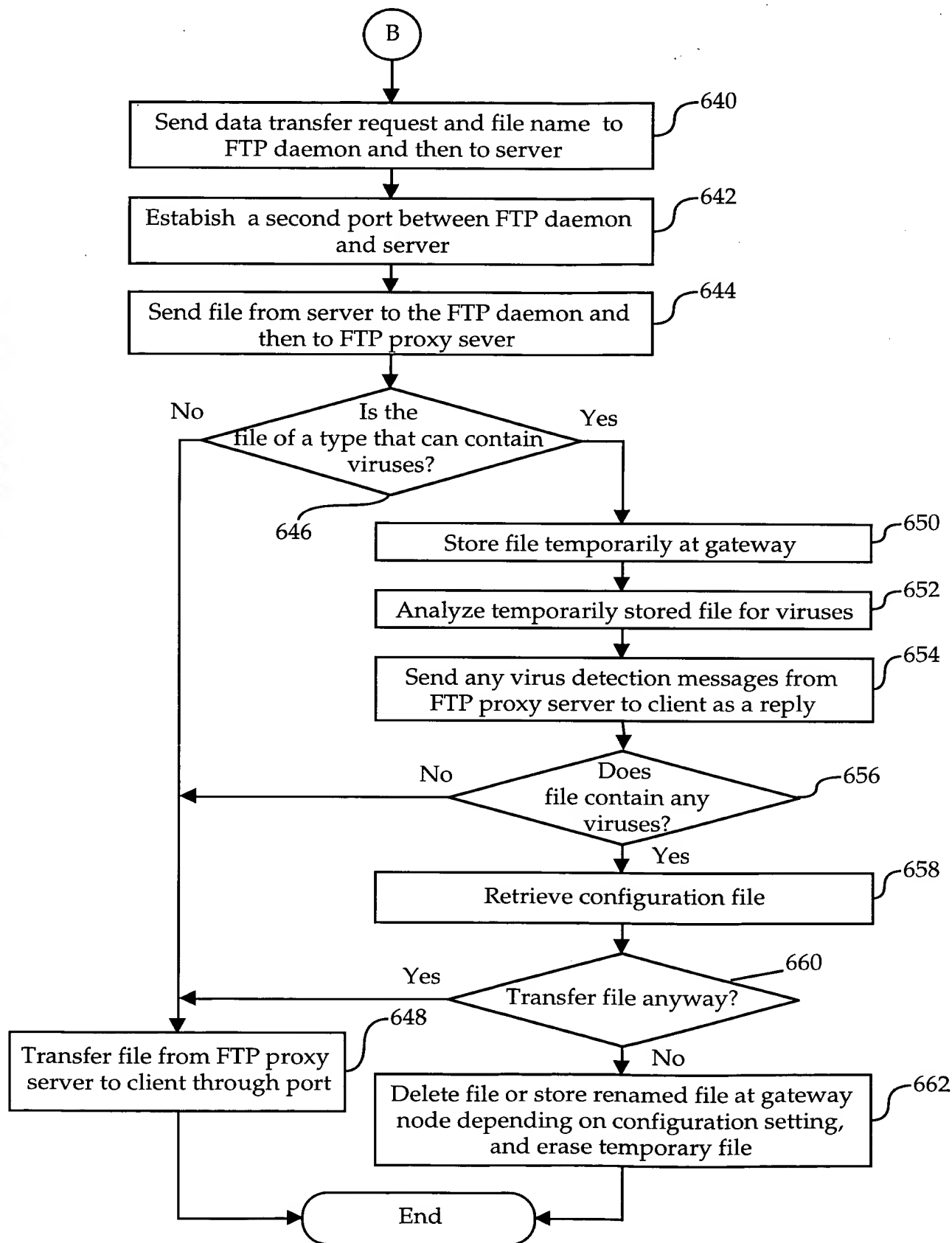


FIG. 6C

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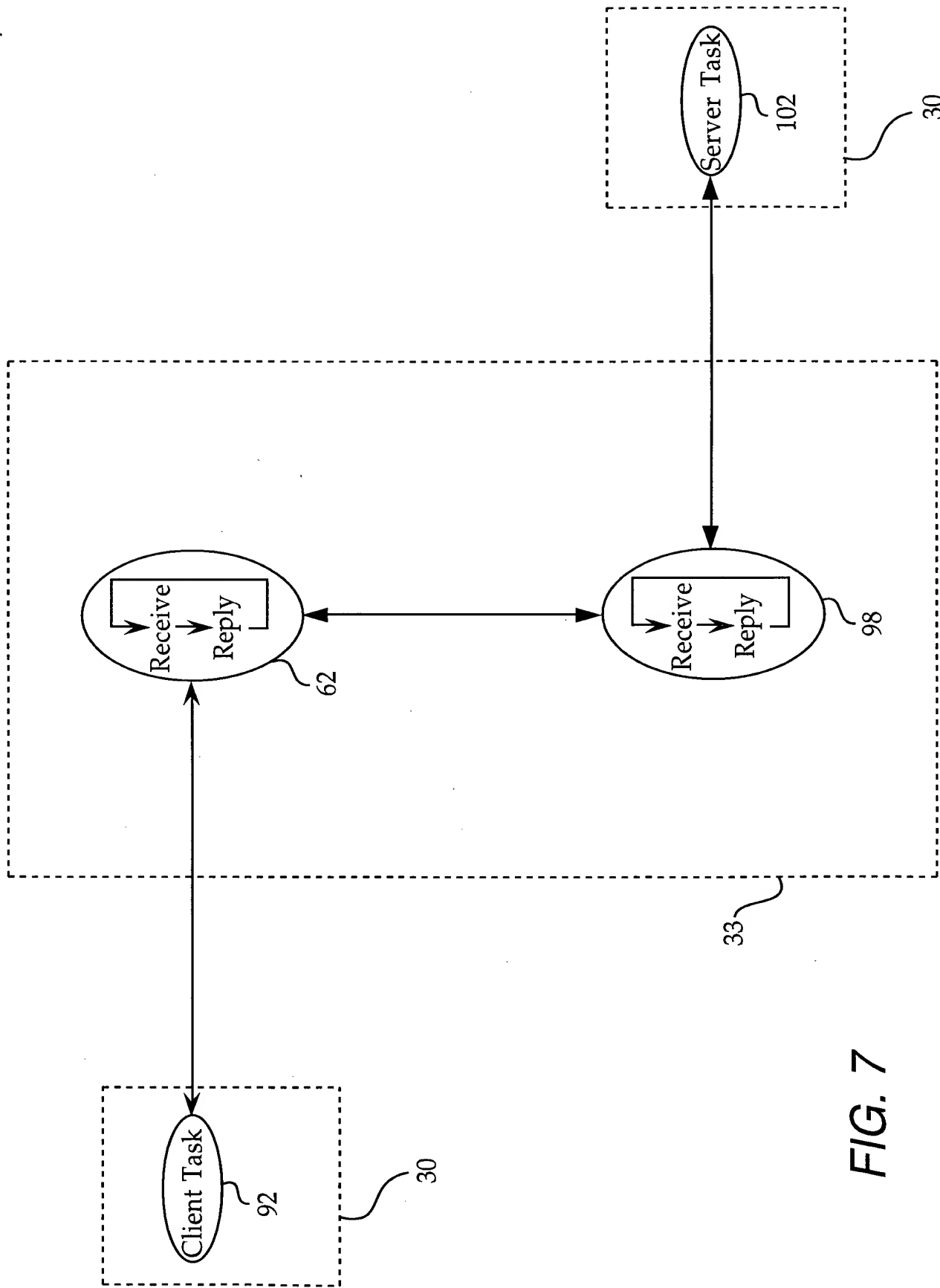


FIG. 7

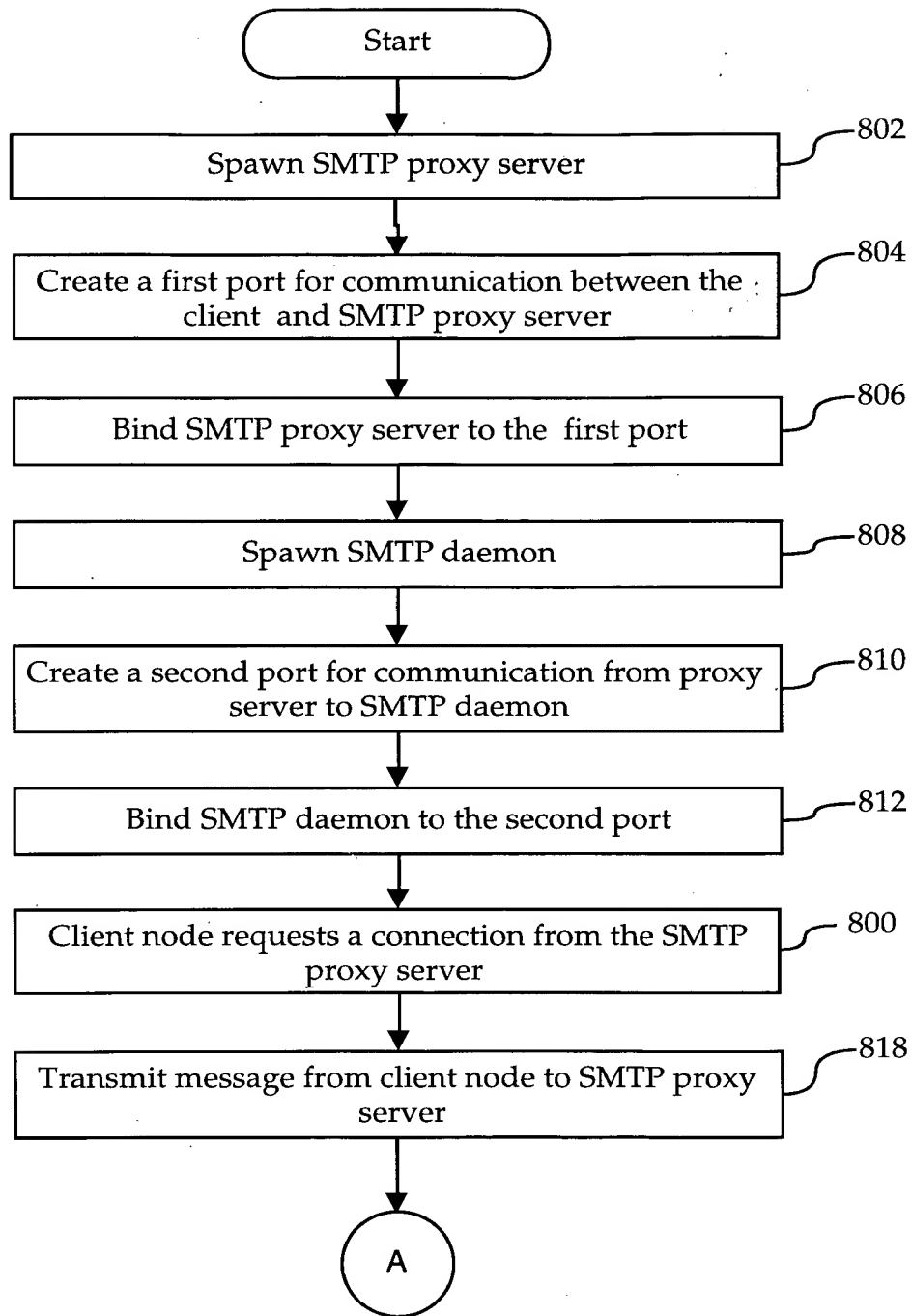
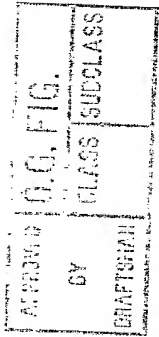


FIG. 8A

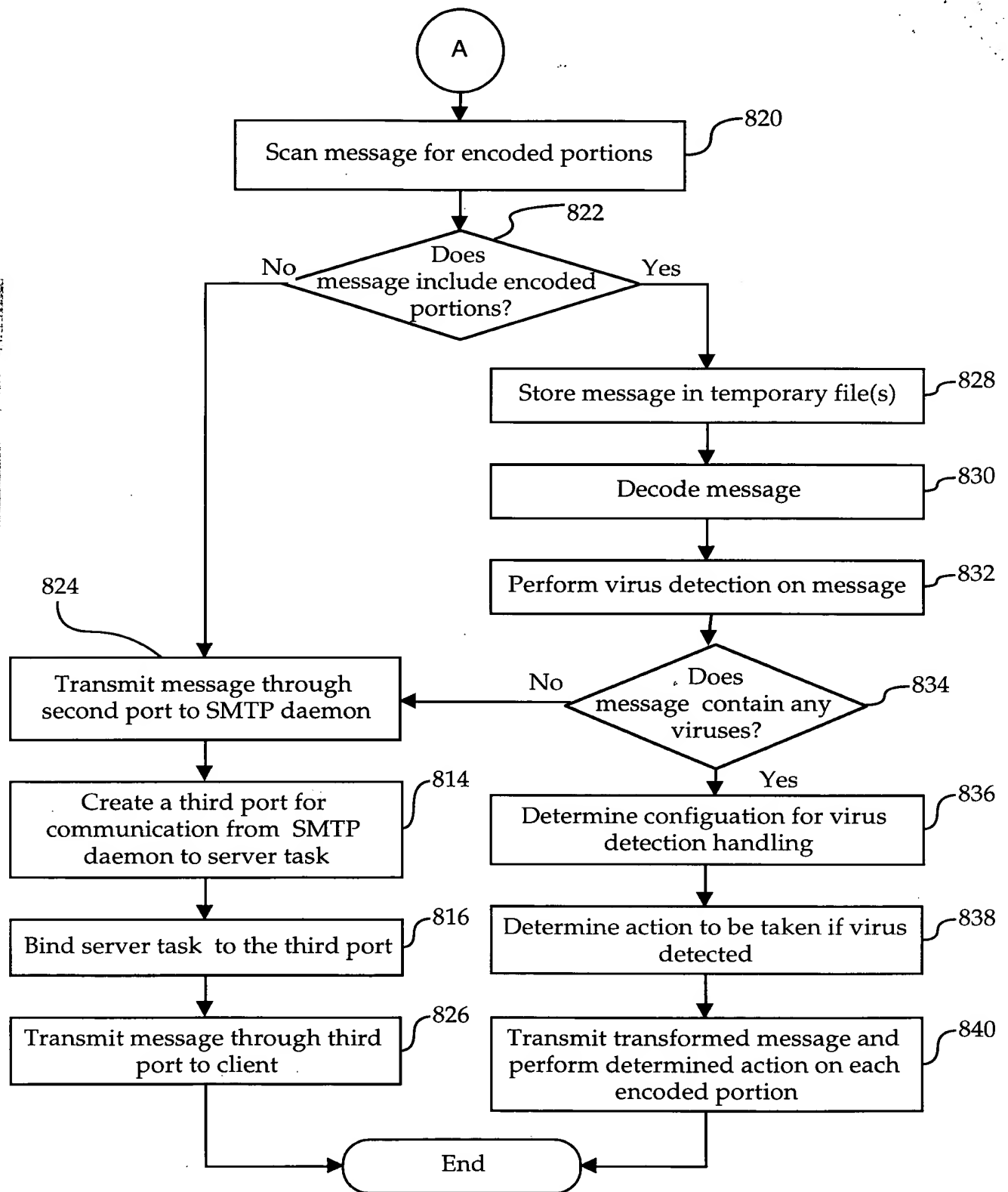


FIG. 8B